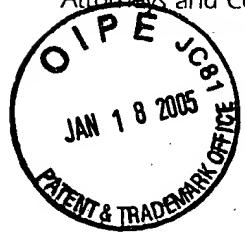


*PAC*  
*Zhu*

STANLEY LAW GROUP LLP

Attorneys and Counselors at Law



January 14, 2005

495 Metro Place South, Suite 210  
Dublin, Ohio 43017-5319  
Telephone (614) 792-5555  
Fax (614) 792-5536  
[www.standleyllp.com](http://www.standleyllp.com)

Via Facsimile 703-872-9306 and  
U.S. First Class Mail

Ms. Retta Williams  
Office of Petitions  
Mail Stop Petitions  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RE: Title: PROTEIN-FREE DEFINED MEDIA FOR THE GROWTH  
OF NORMAL HUMAN KERATINOCYTES  
Serial No.: 09/694,393  
Inventor: John Wille  
Our Reference: HYG 1194-011D

Dear Ms. Williams:

In accordance with your telephone conversation this morning with Vickie D'Alessandro, enclosed is the March 12, 2004 Petition to Revive. Included with this mailing are the Figures described on Page 4 of the Petition. These figures apparently were either misplaced and/or dislodged from the March 12, 2004 filing.

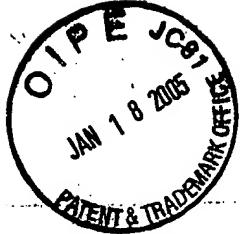
We appreciate your prompt attention to this matter. If you have any further questions or need further documentation, please do not hesitate to call.

Thank you for your assistance in this matter.

Very truly yours,

Cheryl S. Scotney

CSS:vad  
Enclosures



STANLEY LAW GROUP LLP  
ATTORNEYS AND COUNSELORS AT LAW  
495 METRO PLACE SOUTH  
SUITE 210  
DUBLIN, OH 43017-5315

25-3/440

DATE	INVOICE	AMOUNT

7822

CHECK  
AMOUNT

\$ 165.00

PAY Six Hundred and Sixty-five XX DOLLARS

DATE TO THE ORDER OF

3/12/04 Commissioner for Patents HY61194-0110 petition DESCRIPTION

TWO SIGNATURES REQUIRED IF OVER \$4,000.00

BANK ONE  
Columbus, Ohio 43271  
www.bankone.com

100 78 22 10440000371 980240944

SECURITY FEATURES MICRO PRINT BORDERS - COLORED BRICK PATTERN - WATERMARK & CARBON STRIP ON REVERSE SIDE - MISSING FEATURE INDICATES A COPY

Client/Matter No. HY61194-0110 Serial No. 09/1694/393 Filing Date: 3-12-04  
Applicant: Witko, L. Client: HY-Gen, Biomedical  
Title/Mark: Digital - Free, Refined media into artwork

THE MAIL ROOM STAMP BELOW ACKNOWLEDGES RECEIPT OF THE FOLLOWING DOCUMENTS ON  
THE DATE INDICATED ON THE MAIL ROOM STAMP.

- Appl'n for Patent with:  
\_\_\_\_ pgs. of application  
\_\_\_\_ pgs. drawings informal/formal  
 Application Data Sheet  
 Request Not to Publish  
 Inventor's Declaration  POA \_\_\_\_ #  
 Information Disclosure Statement  
 PTO-1449  Copies of References  
 Resp. Notice of Missing Req./Formalities Req.  
 Amendment \_\_\_\_\_  
 \_\_\_\_ pgs. formal drawings  
 Issue Fee forms \_\_\_\_\_  
 Assignment & Assignment Recordation form  
 Transmittal Letter  
 Fee Calculation Sheet  
 Check No.: 165.00  
 Certificate of Mailing date of: 3-12-2004

- Maintenance Fee Trans.  Fee Address Indication  
 PCT Request  PCT Demand  
 Request for \_\_\_\_ mo. Ext. of Time  
 Appl'n for TM / SM

Use Based  ITU

Specimen

Allegation of Use

Section 8 & 15 Affidavit

Section 8 & 9 Renewal

Appl'n for Copyright Registration

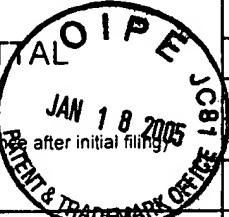
Form # deposits  
Petition to Revive

- 

Express Mail No.: \_\_\_\_\_

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number 09/694,393
		Filing Date 10/23/2000
		First Named Inventor Wille, Jr.
		Art Unit Technology Center 1600
		Examiner Name Bruce Kisliuk
Total Number of Pages in This Submission 39		Attorney Docket Number HYG 1194-011D



ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <u>check and post card</u>
<input type="checkbox"/> Remarks		
<hr/> <hr/> <hr/> <hr/>		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Cheryl S. Scotney, Reg. 46,218	
Signature		
Date	03/12/2004	

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Jody K. Prince	
Signature		Date 03/12/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORM'S TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL

## for FY 2003

Effective 0110112003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR, 1.27

TOTAL AMOUNT OF PAYMENT \$ 665.00

## Complete if Known

Application Number	09/694,393
Filing Date	10/23/2000
First Named inventor	Wille, Jr.
Examiner Name	Bruce Kisliuk
Art Unit	Technology Center 1600
Attorney Docket No.	HYG 1194-011D

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

Deposit Account Number 19-4076 (any excess fees)  
 Deposit Account Name Standley Law Group LLP

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL(I) (\$)</b>			

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Fee from Extra Claims below			Fee Paid
	Independent Claims	-20-	=	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	* Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2) \$</b>		

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 215	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	665.00
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$ 665.00

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Cheryl S. Scotney	Registration No. (Attorney/Agent)	46,218	Telephone (614) 792-5555
Signature	<i>Cheryl S. Scotney</i>		Date	03/12/2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

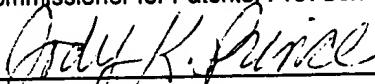
Inventor: John J. Wille, Jr. : Attorney Docket No: 1194-011D  
Serial No.: 09/694,393 :  
Filing Date: October 23, 2000 : Bruce M. Kisliuk  
Title: PROTEIN-FREE DEFINED MEDIA  
FOR THE GROWTH OF NORMAL  
HUMAN KERATINOCYTES  
Director, Technology Center 1600

Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8 (A)

Date of Deposit: March 12, 2004

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail in an envelope addressed to Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

  
\_\_\_\_\_  
Jody K. Prince

PETITION TO REVIVE UNINTENTIONALLY ABANDONED APPLICATION

Sir:

The above-identified application has become abandoned for failure to submit formal drawings in compliance with the Notice of Allowance. Initially, new drawings in the form of photomicrographs are enclosed. The entire delay in properly complying with the formal drawing requirement was unintentional.

Applicant believes that it will be obvious that the entire delay was unintentional inasmuch as formal drawings were submitted within the time frame noted in the NOA, but that they were found unacceptable inasmuch as the Examiner objected to the

numbering of the figures. Additionally, some photomicrographs became dislodged from their Bristol board mounts after arriving at the PTO. Since that initial submission, the PTO Rules have changed and Bristol board mounting no longer is acceptable. Therefore, the attached photomicrographs are not mounted but rather stand alone.

Applicant initially responded to the Notice of Abandonment with a Petition to Withdraw the Holding of Abandonment on January 23, 2003. That Petition was denied on March 13, 2003 with a notation that a renewed Petition must be submitted. A second Petition to Withdraw the Holding of Abandonment was filed on May 13, 2003. That Petition also was denied on January 12, 2004 indicating that the proper recourse is the instant Petition to Revive citing unintentional abandonment. Copies of the series of petitions and decisions are attached.

Applicant offers the following in-depth explanation and reiterates the facts as to events leading to this Petition to Revive. After receipt of the Notice of Abandonment, the undersigned was engaged in conversations with the following individuals telephonically and was communicating via facsimile concerning the formal drawings. Copies of the facsimile communications are attached. It should be noted that as early as May 21, 2002, following telephonic communications, Jody Prince, a paralegal in our office, faxed a post card receipt to Mr. Tom Hawkins in Publications, because Mr. Hawkins had indicated that he had not received the Letter to the Official Draftsman that accompanied the issue fee payment. Mr. Hawkins indicated that if he received our post card receipt and if he could locate the communication to which it referred, the holding of abandonment should be able to be withdrawn. The facsimile communication also

indicates that Cheryl Scotney would be calling Mr. Hawkins to discuss the matter. After several telephonic discussions with Mr. Hawkins concerning whether his receipt of our post card would cause the holding of abandonment to be withdrawn, to which a definite answer was never given, the undersigned first contacted the Examiner, Leon Lankford, Jr. at telephone number 703-308-2455 and was told to contact another person in Publications by the name of LaMonte Newsome at the telephone number 703-305-5358 in an attempt to receive an answer. The noted conversations took place over a period of months. When a holding of withdrawal of the abandonment was not forthcoming, the undersigned deemed it prudent to file a Petition requesting the same.

Additionally, concerning the formal drawings the undersigned interpreted the Notice of Allowability to require a replacement Fig. 1A. It was not interpreted to require replacement drawings for previously submitted and accepted photomicrographs mounted on Bristol board. Therefore, the issue fee payment was accompanied by a response explaining that Fig. 1A was not required. The undersigned wishes to explain that new formal drawings were not submitted because it was not understood that they were necessary. As noted in the Petition Decision, Fig. 4A had been entered. Therefore it was unclear to the undersigned that any formal drawings were required based upon a review of the facts and the history of the file itself. The undersigned believed that the response filed with the issue fee payment was a fully compliant response concerning the formal drawings.

In further explanation, the undersigned reiterates the following statements that were made in the previously-submitted Petitions:

By a PETITION RESPONSIVE TO NOTICE OF OMITTED ITEM(S) IN A  
NONPROVISIONAL APPLICATION FILED UNDER 37 CFR 1.53(b) the following  
information was provided (a portion of the exact text of that petition is restated herein as  
follows):

A copy of Fig. 4A from Applicants photocopy made in  
this office of the application exactly as it was submitted to  
the PTO on October 23, 2000;

A copy of the patent application transmittal indicating  
11 sheets of drawings; and

A copy of the return-receipt post card acknowledging  
receipt of 11 sheets of formal photomicrographs.

Applicant respectfully submits that at the time of  
receipt of the application in the PTO Mail Room, Fig. 4A was  
attached as acknowledged by the PTO stamp on the Post  
card indicating 11 sheets of formal photomicrographs.

Further evidencing the submission, Fig. 4A is  
discussed in the specification at the following locations:

Brief Description of the Drawings at page 17, first  
paragraph; and

Detailed Description of the Invention, Example 4, at  
page 29, lines 1-5.

In order to advance prosecution, a newly prepared  
Fig. 4A consisting of a mounted photomicrograph is  
attached for the record.

Therefore, a review of the official PTO record will reflect that, when compared to  
the specification as allowed, all drawings are present in the record and no further items  
are necessary in order for the patent to proceed to issuance. However, responsive to

the Petition Decision, new photomicrographs are attached. Applicant respectfully request that this Petition be granted and that the application proceed to issuance.

Respectfully submitted,

Dated: 3/12/04

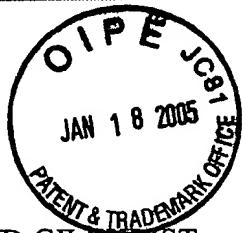
By:

Cheryl S. Scotney

Cheryl S. Scotney, Reg. No. 46,218  
Attorney for Applicant  
Standley Law Group LLP  
495 Metro Place South, Suite 210  
Dublin, Ohio 43017-5319  
Telephone: (614) 792-5555  
Facsimile: (614) 792-5536  
E-mail: cscotney@standleyllp.com



## UNITED STATES PATENT AND TRADEMARK OFFICE



JAN 12 2004

STANDLEY AND GILCHRIST  
495 METRO PLACE SOUTH  
SUITE 210  
DUBLIN, OH 43017

In re Application of  
John J. Wille, Jr.  
Serial No.: 09/694,393  
Filed: October 23, 2000  
Attorney Docket No.: 1194-011D

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

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Received International Dept.

JAN 27 2004

FEB 03 2004

STANDLEY LAW GROUP LLP

STANDLEY LAW GROUP

PETITION DECISION

This is in response to the renewed petition under 37 CFR 1.181, filed May 15, 2003, for withdrawal of abandonment of the above identified application. The delay in acting on this petition is regretted.

A review of the file history is set forth in the previous petition decision and is not repeated herein. The previous decision set forth three requirements for applicant to meet in order to have the holding of abandonment withdrawn. These were (see page 3 of previous decision): (1) file new drawings in compliance with 37 CFR 1.84(b); (2) satisfactorily explain the delay in filing of the original petition; and (3) provide a satisfactory explanation as to why the Notice of Allowability requiring new drawings was not complied with.

With respect to requirement (1), applicant has supplied Bristol board mounted photographs (microphotographs) despite being noticed that such were no longer acceptable by reference to the highlighted portion of the rule quoted in the decision. "Note that photographs filed on or after October 1, 2001, may no longer be mounted on Bristol Board." October 1, 2001, does not refer to the filing date of the application, but the actual date of submission of new or corrected photographs. Further, only Figures 1B, 1C, 1D, 2A, 2B, 2C, 2D, and 3A were submitted. Figures 3B, 4A and 4B were not submitted.

With respect to item (2) above, a general explanation has been given, but lacks sufficient detail or evidence accompanying the statements to satisfy the requirement.

With respect to item (3) above, it is accepted that the examiner's notation on the Notice of Allowability and comments referring to Figure 1A can be interpreted to refer only to the missing figure (which was not present or referred to in the specification, and thus not required).

In view of the failure to comply with requirement (1) and to meet the explanation requirements of item (2) above, the petition is DENIED. Applicants may still file a petition under 37 CFR 1.137(b) within TWO MONTHS of the mail date of this decision. The request to consider this petition alternatively as a petition under 37 CFR 1.137(b) cannot be accorded. The petition must be a separate paper.

**The application will be forwarded to the warehouse for storage.**

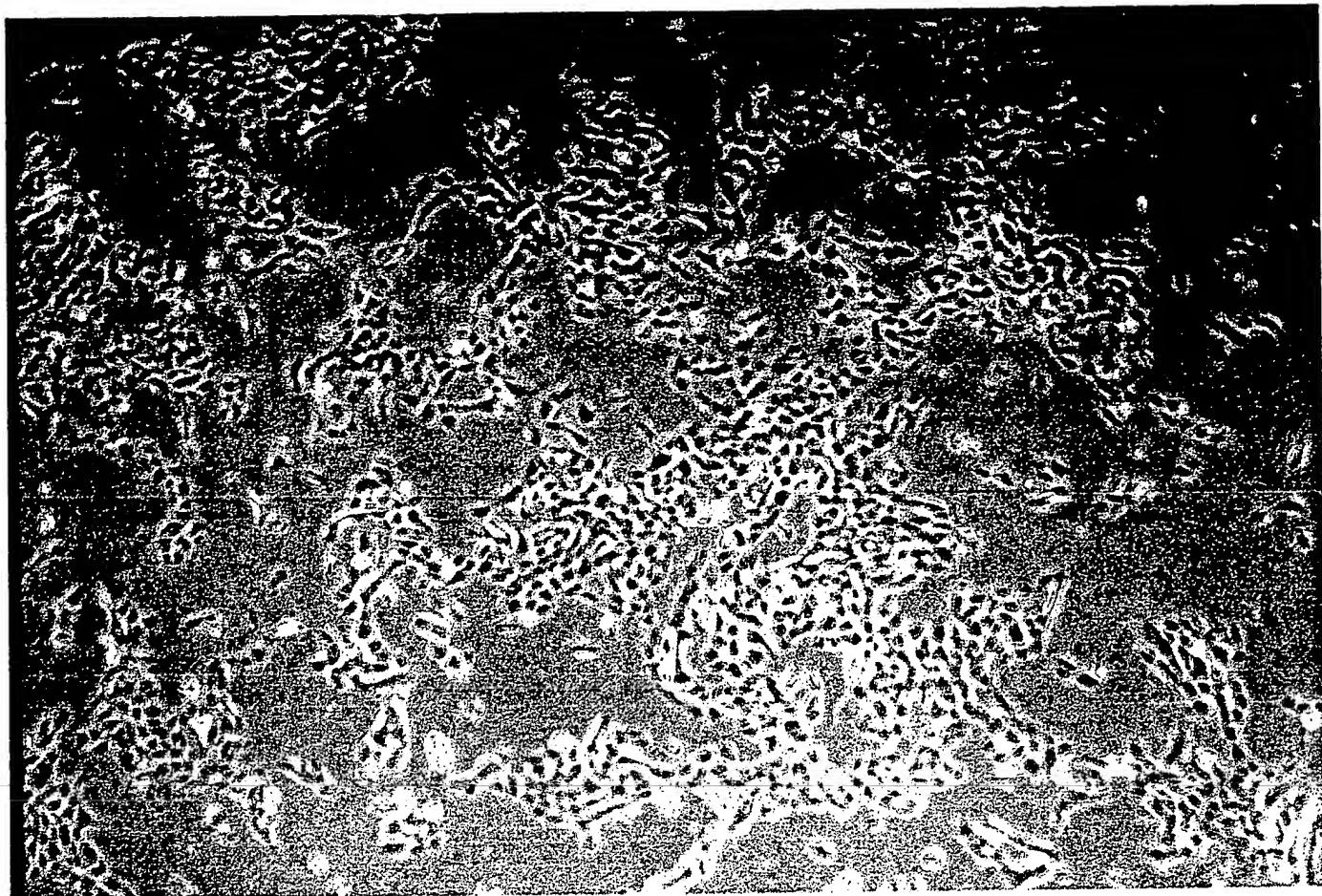
Should there be any questions about this decision please contact William R. Dixon, Jr., by letter addressed to Director, TC 1600, at the address listed above, or by telephone at 703-308-3824 or by facsimile sent to the general Office facsimile number.

Bruce M. Kisliuk  
Director, Technology Center 1600



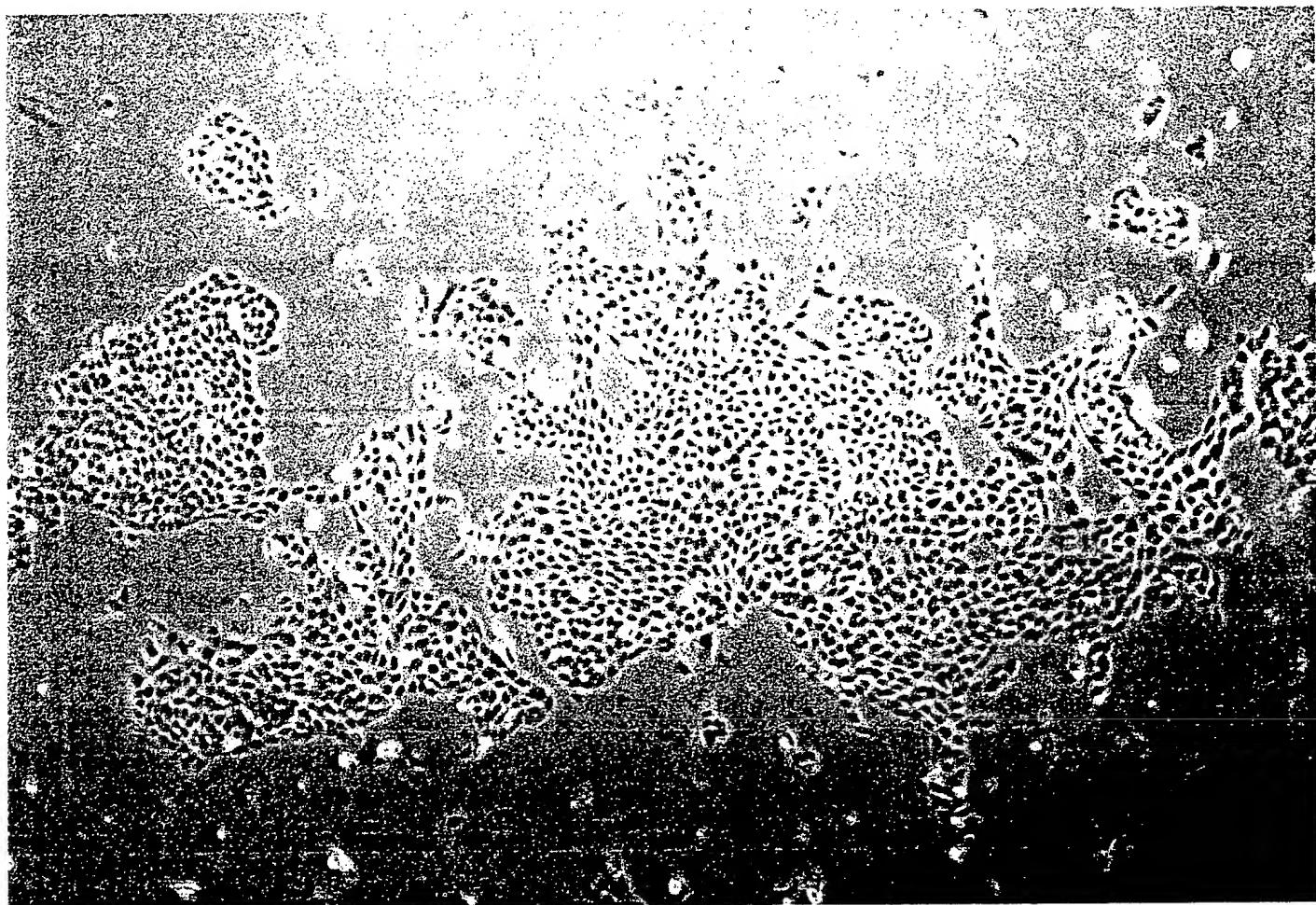
STANLEY LAW GROUP LLP  
Received For Docketing  
Date: 02/02/04 

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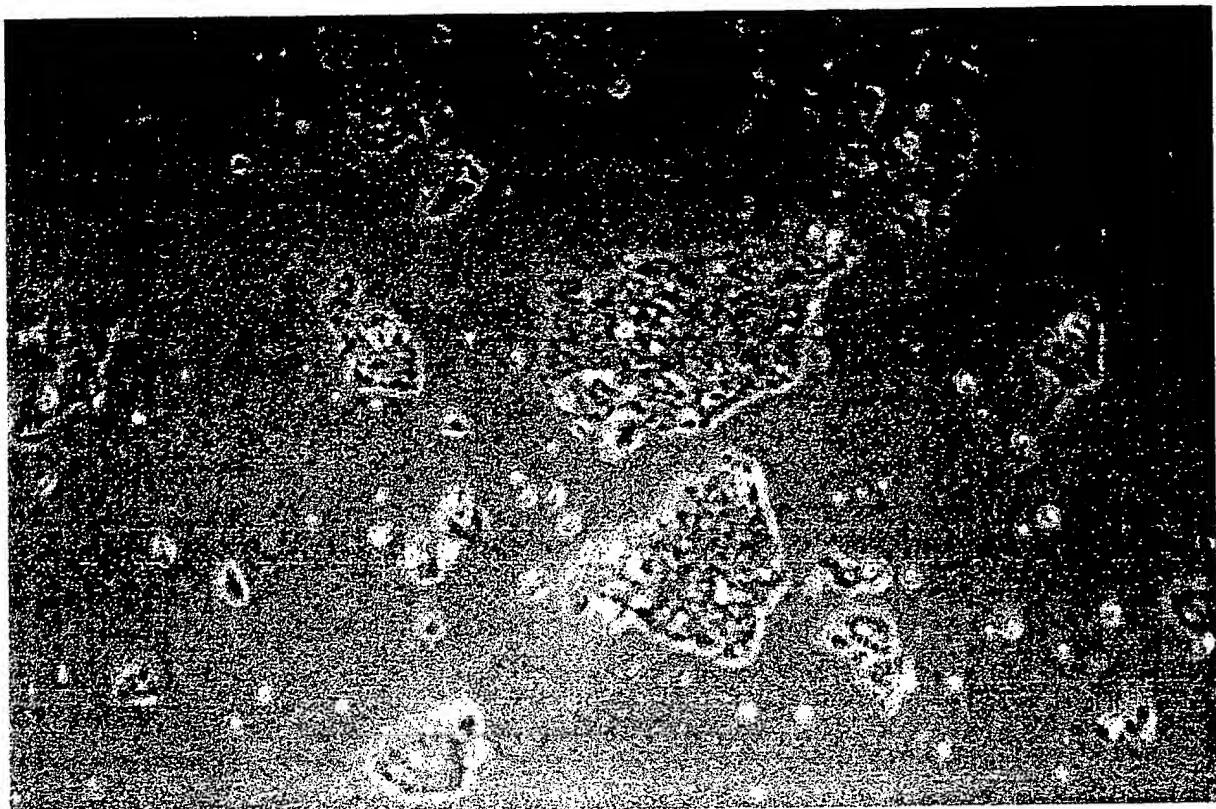
**EXPERIMENT 2 - PLATE B - 72 HRS  
COMPLETE MEDIA W/ PROTEIN GROWTH FACTORS  
LIVE CELLS - PHASE CONTRAST MICROSCOPY - 160X**

**FIGURE 1B**



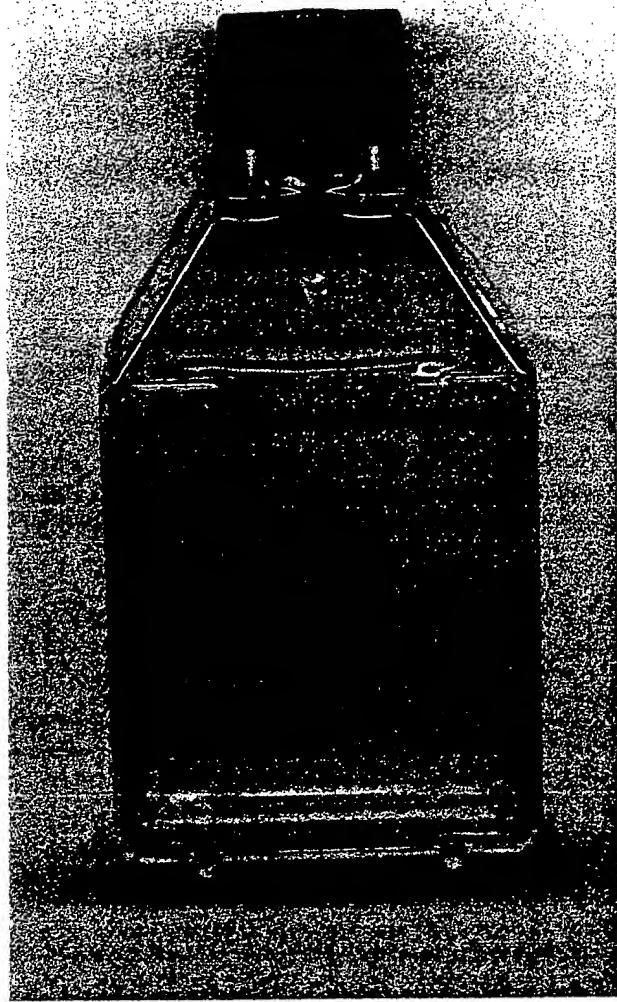
**EXPERIMENT 2 - PLATE C - 72 HRS  
STANDARD MEDIA W/ RETINYL ACETATE  
NO PROTEIN GROWTH FACTORS  
LIVE CELLS - PHASE CONTRAST MICROSCOPY - 160X**

**FIGURE 1C**



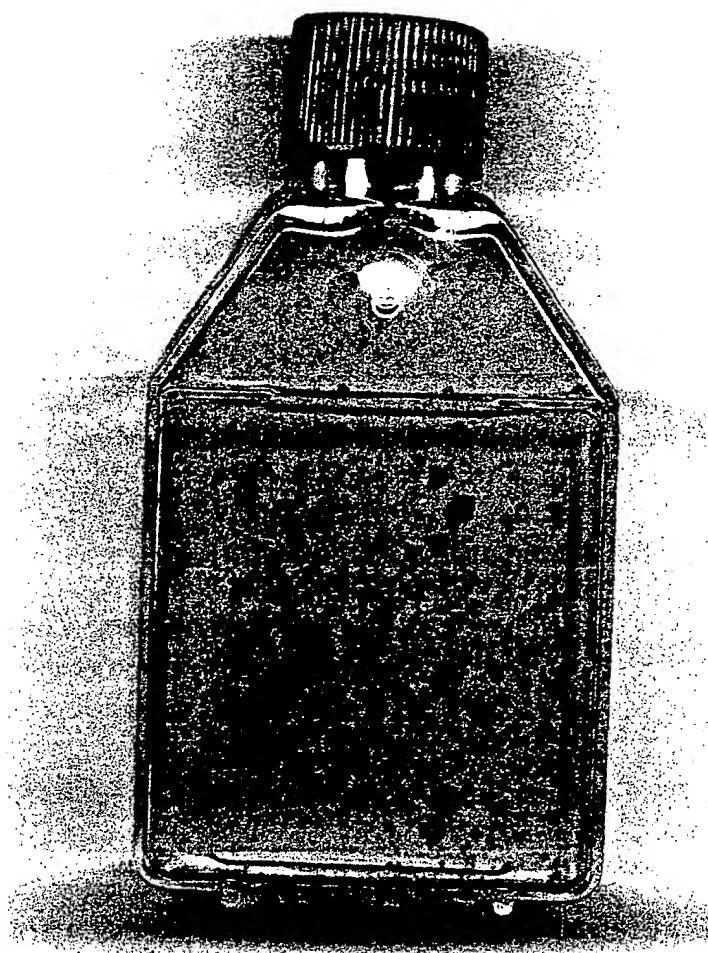
**EXPERIMENT 2 - PLATE D - 72 HRS  
STANDARD MEDIA W/ NO RETINYL ACETATE &  
NO PROTEIN GROWTH FACTORS  
LIVE CELLS - PHASE CONTRAST MICROSCOPY - 160X**

**FIGURE 1D**



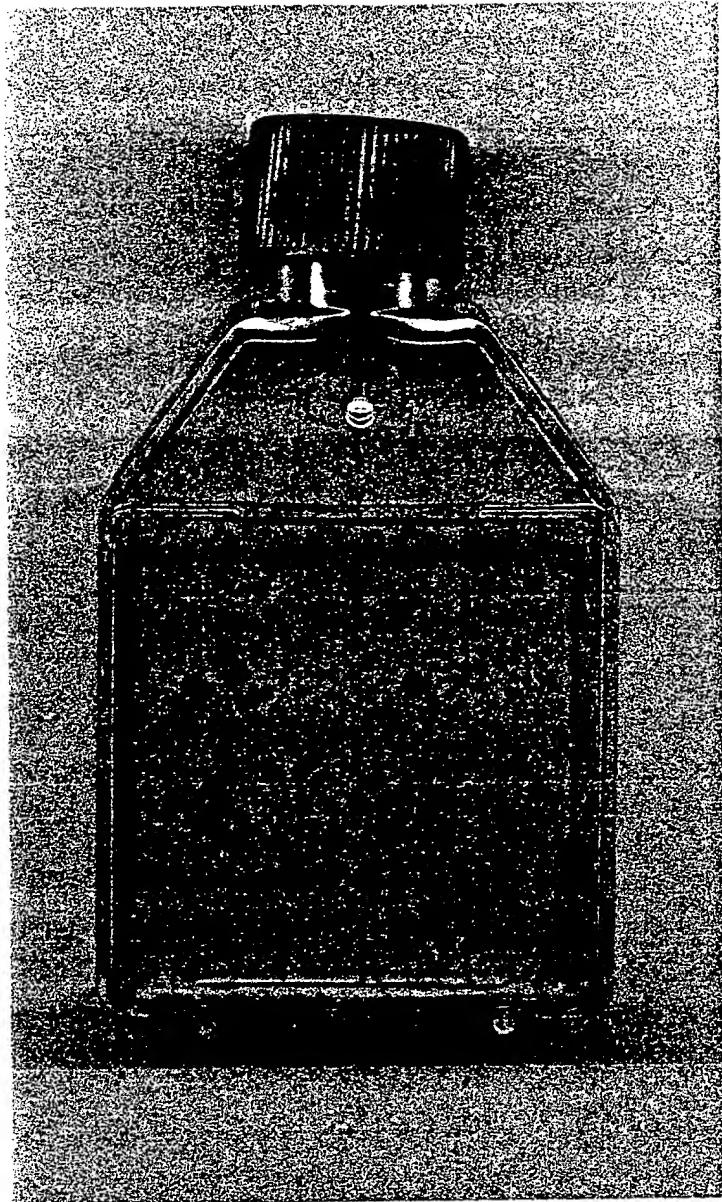
**EXPERIMENT 2 - PLATE A - 1 HR  
TOTAL CELL PLATING  
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE  
RELATIVE OPTICAL DENSITY UNITS = 1.0**

**FIGURE 2A**



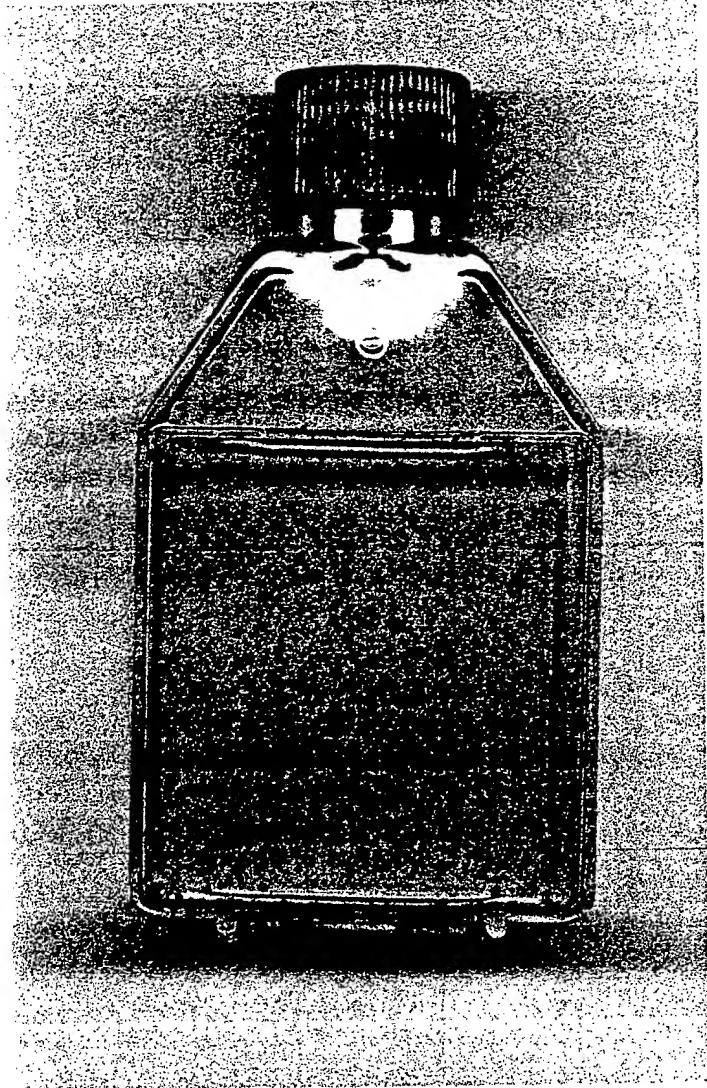
**EXPERIMENT 2 - PLATE B - 72 HRS  
COMPLETE MEDIA W/ PROTEIN GROWTH FACTORS  
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE  
RELATIVE OPTICAL DENSITY UNITS TO PLATE A = 33.8**

**FIGURE 2B**



**EXPERIMENT 2 - PLATE C - 72 HRS  
STANDARD MEDIA W/ RETINYL ACETATE  
NO PROTEIN GROWTH FACTORS  
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE  
RELATIVE OPTICAL DENSITY UNITS TO PLATE A = 29.7**

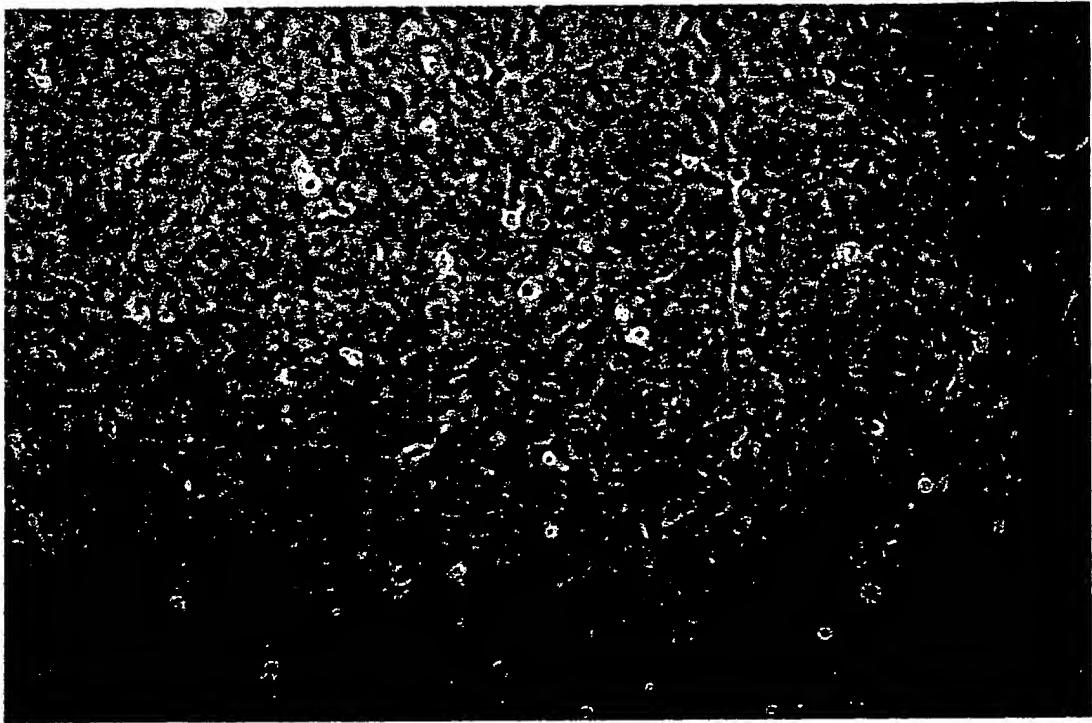
**FIGURE 2C**



**EXPERIMENT 2 - PLATE D - 72 HRS  
STANDARD MEDIA W/ NO RETINYL ACETATE &  
NO PROTEIN GROWTH FACTORS  
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE  
RELATIVE OPTICAL DENSITY TO PLATE A = 6.7**

**FIGURE 2D**

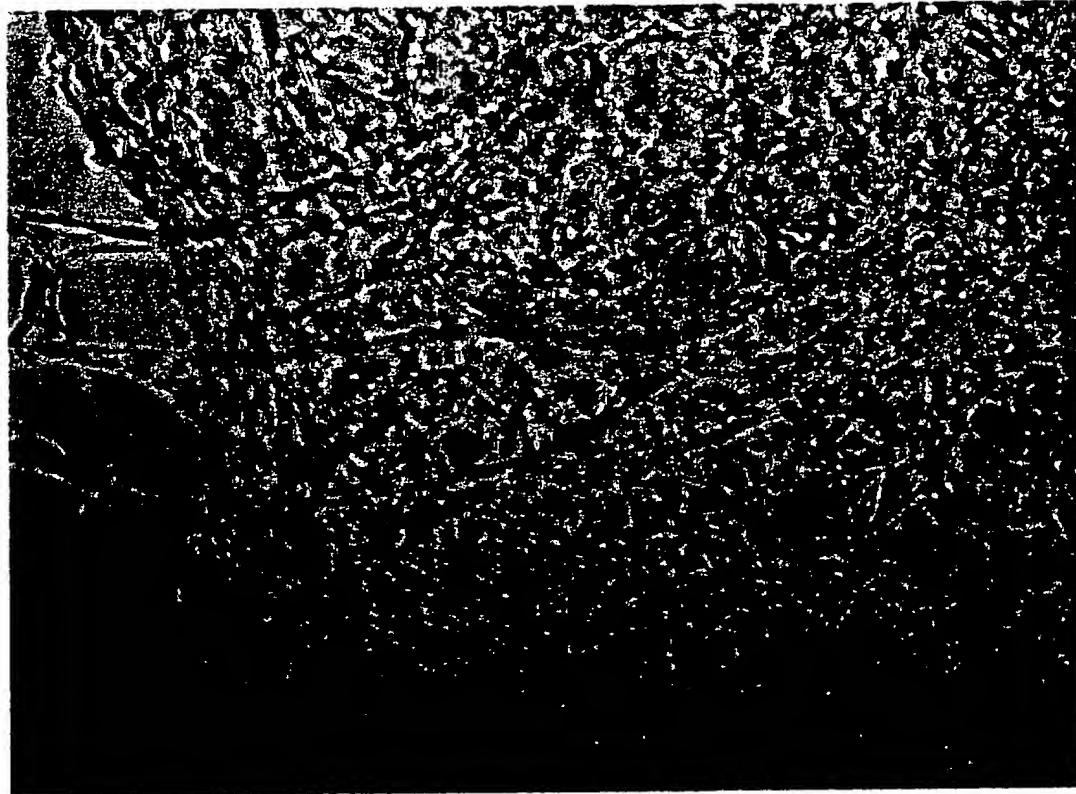
BEST AVAILABLE COPY



**RETINYL ACETATE CULTURE TREATMENT  
PRE-DISPASE RELEASE OF SKIN SHEET  
PHASE CONTRAST MICROSCOPE  
20X MAGNIFICATION**

**FIGURE 3A**

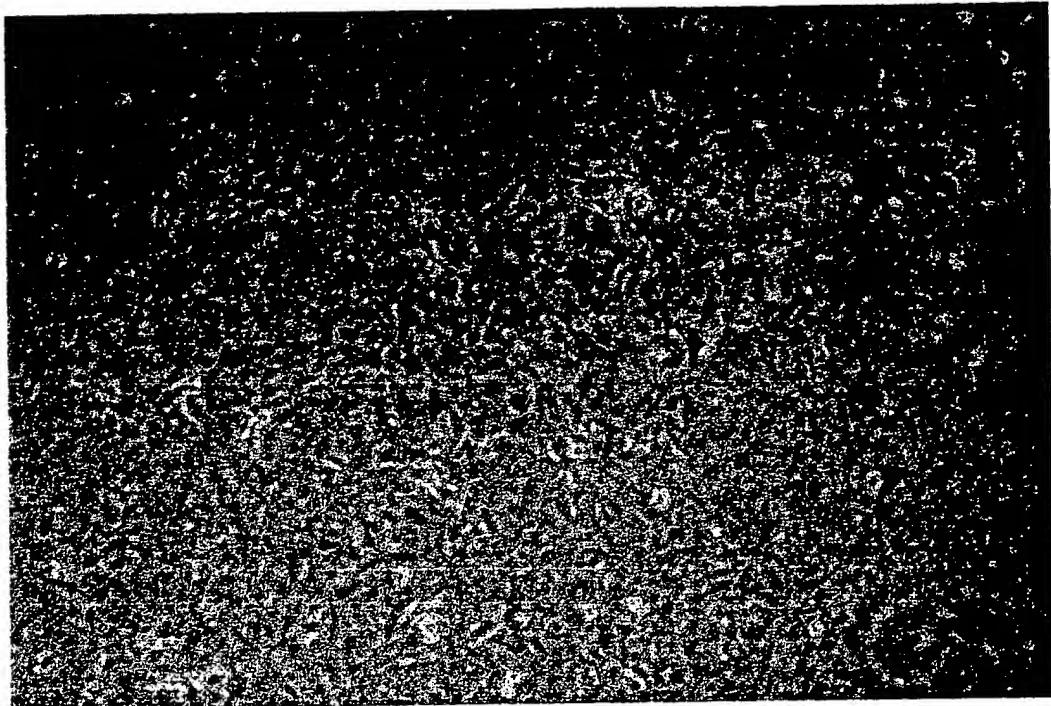
BEST AVAILABLE COPY



**RETINYL ACETATE  
WITHOUT PROTEIN GROWTH FACTORS  
RETINYL ACETATE - SKIN SHEET  
TREATED W/ FBS +1mm Ca<sup>++</sup>  
DISPASE TOTAL RELEASE  
PHASE CONTRAST MICROSCOPE  
20X MAGNIFICATION**

**FIGURE 3B**

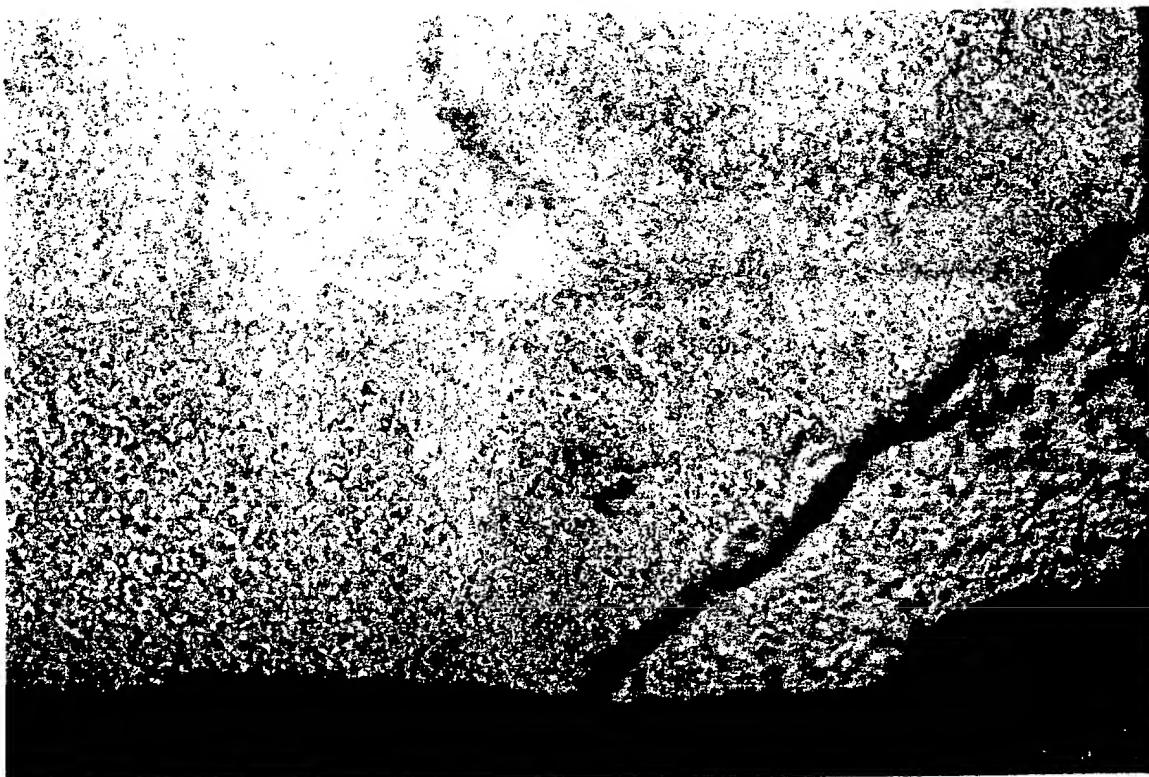
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**TOTAL CELL PLATING  
CONTROL  
PHASE CONTRAST MICROSCOPE  
20X MAGNIFICATION**

**FIGURE 4A**

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**WITH PROTEIN GROWTH FACTORS  
TREATED W/ FBS + 1mm Ca<sup>++</sup>  
CONTROL - SKIN SHEET DISPASE RELEASED  
PHASE CONTRAST MICROSCOPE  
20X MAGNIFICATION**

**FIGURE 4B**